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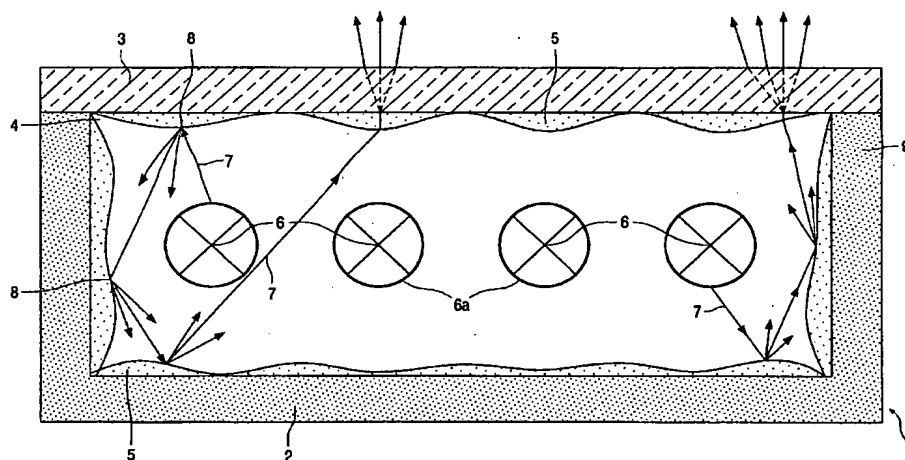
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[Continued on next page]

(54) Title: LUMINAIRE



(57) Abstract: A luminaire has a reflector body (9) with a reflecting portion (2) provided with a coating (5) based on an inorganic sol-gel system, preferably a silica-based sol-gel system. The coating comprises a light-transmitting binder. The light-transmitting binder comprises light-reflecting particles. The light-reflecting particles are chosen from a group formed by titanium oxide, aluminum oxide, halophosphates, calcium pyrophosphate, and strontium pyrophosphate. The light-reflecting particles are surrounded by a skin layer for improving the reflection of the coating. Preferably, the skin layer comprises silicon oxide or aluminum oxide. Preferably, the light-transmitting binder comprises silicon oxide particles.

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